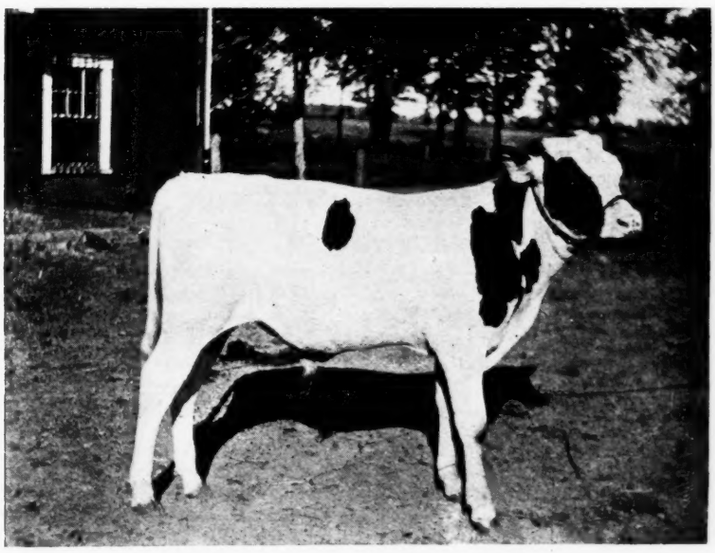
HOLSTEIN-FRIESIAN WORLD

VOL. V. ITHACA, NEW YORK, AUGUST 22, 1908. No. 16.



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De Kol 2d's Butter Boy 3d, the sire of 56 A. R. O. daughters. This is more tuan any other bull of his age.

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The greatest aged s re in active service. Our herd contains 32 of his daughters.

Karel Bos (Imp.), whose dam and granddam have the largest authenticated records ever made in Holland. A young bull of great individual merit and whose progeny are very promising.

The best imported bull in America. We have 15 of his daughters.

Korndyke Butter Boy, a son of Korndyke Queen De Kol and De Kol 2d's Butter Boy 3d. The seven nearest tested dams in his pedigree have official records averaging over 26 lbs. butter in 7 days.

The closest possible combination of the Korndyke, De Kol and Hengerveld families, the families that have produced the greatest sires of the breed. A show bull in every sense of the word.

Our herd numbers 165 head. Our stables are crowded and if you want some good stuff at reasonable prices, wirte or come and look us over. Nearly all the females in the herd of breeding age are bred to the above bhlls.

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SONS OF AAGGIE CORNUCOPIA JOHANNA LAD

out of dams by

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With good A. R. O records.
Write for what you want.

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The only remedy guaranteed to prevent abortion in cows and scours in young calves. Used with success for years in leading Holstein herds. Under a positive guarantee.

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(The Holstein Breeders) LACONA, Oswego, Co., N. Y.

Cloverdale Farm, Brandon, Vt., Aug. 7, 1905

Dear Sir:—Three years ago we lost three calves of abortion, and sent the next year and got a gallon of your PREVENTINE and used according to directions, and haven't lost another calf. One of our neighbors lost several last winter. We got some for him, and they haven't lost any more. It is the best fly remedy we ever used. Yours truly,

J. G. WHITE & SON.

Holstein-Friesian World

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Life Membership, $25.

Advanced Registry and Official Testing in charge of superintendent as above.

THE CENTRE OF THE WORLD.

By Thos. McGillicuddy, Department of Agriculture, Toronto.

After making some pleasing local allusions ,and telling a couple of apt humorous stories, the speaker proceeded to say: When I was a very small boy I climbed to the roof of our little house, and there I made a wonderful discovery: That our home was the center of the world! I told the members of my family and the neighbors about it, but those who didn't say "Nonsense" smiled at me. I stoutly maintained that our house was the centre of the world, and offered to prove it to anyone who would accompany me to the roof, by showing them that the sky came down at equal distance all around it! (Laughter and applause.) That humble abode was indeed the centre of a domestic world—with a limited horizon, it is true—but out from it have gone influences that still vibrate.

Each of us, and all of us, are world centres. Consciously or unconsciously, we are being influenced by, and are influencing one another. Emerson brings this thought out strikingly in his poem, 'Each and All'':

"Little thinks in the field yon red-cloked clown
Of thee, on the hilltop, looking down.
The heifer that lows on the upland farm
Far heard, lows not thine ear to charm.
The sexton tolling the bell at noon
Dreams not that great Napoleon
Stops his horse and lists with delight,
Whilst his files sweep round yon Alpine height.
Nor knowest thou what argument
Thy life to thy neighbor's creed hath lent."

A Centre for Dairy Consultation. Picton is tonight a dairy world centre. It is the Mecca of the Eastern Ontario dairymen just at present and the pilgrims are indeed a happy, joyful band. (Laughter.) The eyes of the agricultural, commercial and political worlds are for the time being focussed upon Picton. Those keen young men at the press table will make the telegraph wires hot tonight as they send off their reports to the daily press; and tomorrow morning bankers, merchants, journalists and politicians will eagerly scan the papers to see what has been said and done by the men who have gathered at this splendid convention. Why? Because, as the poet has said: "The farmer feeds them all."

Dairying is a Social Centre. This great assembly tonight suggests that the dairy industry closely touches the community on the human side. Every cheese factory is a social centre. Opinions as well as products are there interchanged; minds as well as pocketbooks are expanded by factory intercourse. A well-conducted cheese factory in a rural community is, next to the home, the church, the school, and the public library, a social refiner and educator. A beautiful German legend says that the hut of a poor fisherman was changed into a temple of exquisitely wrought silver by a certain tiny lamp being lighted and placed within it. Many of my older hearers have known something almost as marvellous as that to have taken place in our own province. They have seen the humble log houses of the early settlers quickly transformed into mansions of brick and stone by the advent of the cheese factory. (Applause.)

Modern Dairying is a Scientific Centre. The chemist and bacteriologist have each an ever enlarging field of investigation and counsel in connection with the handling of milk and of its products. Adulteration and taints are traced to their origins, and can thus be corrected. Butter and cheese making is being more and more reduced to a science. Technical knowledge that was formerly the portion of the cultured few is now being possessed by many of the skilled dairymen of Canada, and the old rule of thumb has been relegated to the shelf with grandfather's clock. The chemists and bacteriologists who have done investigation work in connection with our Ontario cheese factories have saved the country tens of thousands of dollars within the past seven years, and have done so at a minimum of cost. The farmer of today is not scared at the appearance of the scientific professor; he knows that he is a man a brother and a friend, as well as a learned specialist.

Dairying is a Manufacturing Centre. The dairyman is a manufacturer. By devising and feeding well-balanced rations he helps the cow to make milk

more copiously and more cheaply for him, and in that way he is a manufacturer of the increased yield. By co operating with the cheese-maker the farmer who supplies milk to the factory also becomes a manufacturer of cheese or butter, a finished product in concrete form, and easily handled for the home or foreign market. It is estimated that butter and cheese to the value of $23,000,000 were exported from Canada in the year 1907, and in addition to this a fair portion of the bacon product exported may also be claimed as a dairy side line. In the county of Prince Edward, in 1906, cheese to the value of $586,661 was made. Patrons to the number of 1,916 were paid $521,484 for their milk, an average of $272 a patron. As each patron represents from four or five to a household, this means that nearly 10,000 persons in this small but prosperous county are more or less dependent upon the cheese industry for a living. (Applause.)

Dairying is a Co-operative World Centre. In dairying, as in religion, "No man liveth unto himself." Cheese-making is the largest co-operative business we have. There are about 60,000 patrons of the cheese factories of this province. Many of these factories are directly, and most of them indirectly, co-operative in character. My own opinion is that much of the growth of the public ownership idea in Ontario can be traced to the influence of the co-operative cheese factory. It certainly has suggested the possibilities of more generally united action in business matters relating to the public at large.

The dairy world is to be saved and upheld by some measure of faith, and by a very large endeavor along the line of good works.

CATTLE RAISING IN BELGIUM.

According to information furnished by Consul-General Henry W. Diederich, of Antwerp, Belgium has an abundance of excellent pasturage, and the raising of cattle forms an important occupation of the people. He writes:

The country is noted for four of its breeds of cattle—the Blue breed, the Flemish, the Ardenne and the Condroz. The Blue cattle are raised in Brabant and Hainaut. They thrive best in the warmer climates or hilly countries, where the cold is not excessive. The cow gives 3,600 to 4,000 liters (1 liter = 1.0567 quarts) of milk per annum, and 25 to 30 liters yield 1 kilo (2.2 pounds) of butter. The characteristics of the Flemish cattle are the same as those of the Blue, save that the oxen are very strong and highly prized for field labor.

The Ardenne cattle are raised in the mountainous parts of Belgium, and are of the greatest interest to American cattle breeders, because, although not so well developed as the preceding breeds, they are easily acclimatized. The cow gives 1,600 to 2,500 liters of milk per annum, and 26 to 29 liters of the milk yield 1 kilo of butter. The meat is in much demand for its fine flavor. The Condroz cattle combine the characteristics of the Blue and Ardenne breeds. The cow gives 2,500 liters of milk per annum, of which 25 to 30 liters yield 1 kilo of butter.

In addition to pasturage Belgium cattle are freely fed on prepared fodder, according to approved formulas, and it has been proved that each animal gives a profit in proportion to the kinds and quantities thus fed to it.

GOVERNMENT CAMPAIGN AGAINST TUBERCULOSIS IN BRAZIL.

Consul-General George E. Anderson reports that the Federal Government of Brazil is preparing a campaign against tuberculosis in the cities of the Republic, especially in Rio de Janeiro, equal to that against yellow fever, which has placed that city among the most healthful cities of the world.

The present number of deaths due to consumption in Rio de Janeiro and in Brazil generally explains the extraordinary measures to be taken by the Government against tuberculosis according to the announced plans. The tables of mortality of the Federal district show that out of a total of 14,660 deaths in 1905, 2,663 were due to pulmonary tuberculosis, as compared with 287 from the dreaded yellow fever. In 1906, out of a total of 13,956 deaths 2,649 were from tuberculosis, while in 1907 out of a total of 13,014 deaths 2,587 was the proportion. Therefore of all deaths in Rio de Janeiro, during those years one in five was due to consumption, and that, too, in spite of the highly commendable work done by the League Against Tuberculosis hereinafter mentioned, whose efficacy is already shown in the slightly decreased record for the past two years. What systematic work in sanitation can do, however, is shown in the totals of deaths given in the case of yellow fever. In the latter disease the deaths in 1905 were 287, in 1906, 42, and in 1907, 39. The disease is stamped out so far as the general public in Rio de Janeiro is concerned, the few cases noted arising in out-of-the-way places and being so well guarded and pursued that all danger of epidemic under present regulations is done away with.

The New Campaign Against the Disease.

Naturally, with such success in disposing of yellow fever back of them, the sanitary authorities of Brazil feel that something can be done against tuberculosis. There are 26 cities in the country which are included in the plans outlined in this report, but for the time being, and with the initial expense, most attention will be paid to Rio de Janeiro as the capital and chief city of the nation. This new campaign involves the expenditure of $1,250,000 as a beginning of the movement. The plan includes legislation which may have a marked influence upon similar movements in the world generally. The Brazilian project includes as its material features:

The compulsory reporting of every case of tuberculosis to the sanitary authorities; the complete assumption of charge of all cases of tuberculosis by public authorities, in which infectious cases are separated from the public and patients supported by the public; the establishment of hospitals, with complete isolation, for tuberculosis-infected invalids, and of hotels and boarding-houses, agricultural colonies, and sanitaria for those not invalid; the absolute refusal of admission into Brazil of any person or animal having tuberculosis; the inspection of all foods and materials likely to carry bacilli of the disease, with power to destroy anything infected; and the betterment of food, housing and other conditions of life for the large mass of the population in which tuberculosis is raging, for the prevention of the disease by fortifying the people against it by improving their general health.

No modern means for combating the disease is to be neglected and there is to be given full effect in Rio de Janeiro to practically all methods of fighting the disease which sanitary officials the world over have been working for at various times and places.

FROM A BUSHEL OF CORN.

From a bushel of corn the distiller gets four gallons of whisky, which retails at $16.80. The farmer gets 45 cents for his corn; the government gets $4.40; the transportation company gets 80 cents; the owner of the whisky factory gets $4; the drayman gets 15 cents; the saloon owner gets $7; the consumer gets drunk; his wife gets hungry; his children get ragged; the politician gets office, and the man who votes high license gets the fines of poisoned victims to use in reducing tax on his property. With the exception of the consumer everyone who has anything to do with the making and selling of the stuff does so for profit. The consumer drinks the adulterated dope because he is ignorant of its real nature and effects. Let workingmen be wise enough to cut it out that they may have clear brains with which to abolish the whole profit system with its adulterated foods and adulterated drinks.—Appeal to Reason (Social).

Holsteins of the highest class at low prices for quality. We aim to please each and every customer. . .

Holsteins
Greenwood Herd

Prince Ybma Spofford
at the head of herd; his dam and sire's dam average 28.20 lbs. butter in 7 days, 97 lbs. milk each in 1 day, 88 lbs. each per day for 30 days.
Best on record age considered.

We are in position to offer 2 young bulls 9 mo. old, ready for immediate service, by PRINCE YBMA SPOFFORD, dams with large A. R. O. records, one a 16.16 lb. two year old; another from a 20.75 lb. three year old, 90 days after calving. We look for 26 lbs. or better at next test. These fellows are of *good size, straight as a line, beautifully marked and perfect in every way.* A few younger bulls from dams with records reaching 25.19 to over 30 lbs. butter in 7 days. You will have to look a long time to find their equal in individuality and breeding.

SPOFFORD and JOHANNA heifers in calf to the only son of BETTA LYONS NETHERLAND (34 lb. at 4 yrs. old) to freshen during fall and winter months at moderate prices for quality. We have in store a surprise for the "Holstein World" readers. *Something that has no equal.*

Write us and secure some of the best breed, sure to double in value a little later on.

The grandsons of "BETTA LYONS" are here awaiting your orders.

E. H. KNAPP & SON Greenwood Stock Farm **Fabius, N. Y.**

THE NEW METHOD OF TESTING FOR TUBERCULOSIS.

(From the Pacific Dairy Review.)

During the past year medical and veterinary journals have been devoting considerable space to discussions of the ophthalmo and cuti reactions; modifications of the usual method of applying the tuberculin test for tuberculosis. In response to a request of the editor of The Pacific Dairy Review I will try and explain as clearly as possible what thsee tests are.

The ophthalmo, or oculo-tuberculin test, as it is sometimes called, is becoming popular in diagnosing doubtful cases of tuberculosis in human beings. It is performed by placing in the eye a drop of specially prepared tuberculin. If the person is not tubercular no effect is produced, but in tubercular persons the application is followed by a slight inflammation. Although this method is gaining in popularity, it has not reached as reliable a development as the hypodermic method. The application of the test is more simple, and in case the patient is tubercular the reaction fever is avoided. Many physicians who have hesitated to use tuberculin subcutaneously are resorting to the ocular method. The test has been applied to cattle by veterinary investigators with varying success.

The cuti-reaction is a method that seems more promising in veterinary medicine. The cuti tests for cattle are usually performed as follows: The skin is shaved on a surface measuring one or two square inches in a region where the skin can be easily pinched and raised with the fingers; the neck is probably the best place. Parts of the body where the skin is stretched tightly must be avoided. After shaving, the skin is very lightly scarified by making six or seven slight scratches with a sharp knife point, and five or six drops of "brute" tuberculin are rubbed for half a minute on this freshly shaven and irritated skin. The reaction consists of an exudative inflammation beginning at about the twelfth hour and persisting for twenty-four hours or more.

A modification of the cuti-reaction is called the dermo test. It is performed in essentially the same manner, except that the skin is not scarified.

The great advantage of the cuti and ophthalmo methods is that these operations do not render the animals unresponsive to tuberculin and they can be tested repeatedly. If these tests become a practical success another advantage will be the elimination of the use of the clinical thermometer. The cost of thermometer breakage in ordinary tuberculin testing of cattle is excessive.

It is probable that for some time to come we will read of the results obtained by investigators, but as yet the tests are in the experimental stage.

C. M. HARING.

College of Agriculture, University of California.

LARGEST RECORD EVER MADE IN CANADA.

The Holstein cow, Sara Jewel Hengerveld 3d, in our herd recently made the following records: 93 lbs. milk in one day, 640.1 lbs. in seven days, 2613.1 lbs. in 30 days, 30.397 lbs. butter in seven days, 121.37 lbs. butter in 30 days. These are the largest butter records ever made by any cow in Canada. Her dam, Sara Jewel Hengerveld, gave 100.4 lbs. milk in one day, 685 lbs. in seven days, 2625.8 lbs. in 30 days, 28.13 lbs. butter in seven days, 110.19 lbs. in 30 days. This cow had a severe attack of scours shortly after starting her test, or her record would probably have been greater than that of her daughter. The last seven days of her test were her best. Her milk record for this time is the largest ever made in the Dominion, while the combined seven-day record of this cow and her daughter is the largest combined record of any mother and daughter of the breed.

Sara Jewel Hengerveld is sired by Pietertje Hengerveld's Count De Kol, the only bull of the breed that has sired two daughters with records of over 30 lbs. of butter each in seven days. He is also sire of De Kol Creamelle, the world's champion milk cow, 119 lbs. in one day, 10017 in 100 days. A grandson of Pietertje Hengerveld's Count De Kol stands at the head of our herd, and is assisted by a son of Sara Jewel Hengerveld 3d, So far as we can learn the two sons of this cow are the only bulls in the Dominion whose dams have records of 30 lbs. or over.—Brown Bros., Leeds Co., Ont.—Canadian Dairyman and Farming World.

SELECTIONS.

Now the man of perfect virtue, wishing to be established, himself, seeks to establish others; wishing to be enlarged himself, he seeks also to enlarge others.

* * * * *

The sage and the man of perfect virtue; —how dare I rank myself with them? It may simply be said of me, that I strive to become such without satiety, and teach others without weariness.

—Con fucius.

Moyerdale Herd of High Class Holstein-Friesian Cattle.

KING SEGIS NO. 36168 AT THE HEAD OF THE HERD

THE KING OF ALL SIRES at 4 years of age and the ONLY SIRE of the breed that has four 20 lb. junior 2-year-old daughters.

THE ONLY SIRE OF THE BREED whose first 5 daughters as junior two-year-olds have records that will average greater than 20 lbs. each.

THE FOUR GREATEST 30 lb. record cows owned by one Breeder.

THE FOUR GREATEST 30 lb. record cows made by one Breeder as follows:

Betty Lyons Netherland,	butter	7	days	34.07
Blanche Lyons De Kol,	"	7	"	33.31
Segis Aaggie De Kol Beets,	"	7	"	32.06
Grace Fayne 2nd's Homestead,	"	7	"	30.63

THE ONLY HERD OF THE BLACK AND WHITE BREED that has made Two World's record junior 4-year-olds and Six 20-lb. junior 2-year-olds.

ONE SON OF KING SEGIS old enough for service, for sale. A few bul calves by King Segis to offer, not half enough to supply the demand.

H. A. Moyer, Syracuse, N. Y. - James Gillette, Supt.

Field Notes.

The World office is in receipt of two bulletins upon the subject of Digestive Experiments. One is from Texas Experiment Station, College Station, Tex., No. 104, and is in three parts, part one dealing with Kaffir corn, milo maize and molasses; part two with sugar, starches and pentosans, and part three with plant foods. The other bulletin is from Wyoming Experiment Station, Laramie, Wyoming, No. 78, and treats of native hays, oat straw, pea hay, sweet clover and alfalfa. Anyone interested in this line of investigation will find much of value in these bulletins.

We call attention to some errors in dates in the list of Class Champions that was published in the last preceding World. Nos. 2 and 4 in Class 1 should read 1894 for 1904 and 1896 for 1906; Nos. 1 and 3 in Class 3 should read 1894 for 1904 and 1896 for 1906, and No. 2 in Class 4 should read 1901 for 1801. This latter error was one of proof-reading. The first four, however, are a good illustration of the force of habit. With the proper dates, 1894 and 1896, before our eyes, our fingers still followed their habit and wrote 190— in each case. A strict adherence to the class divisions would have taken Aaggie Cornucopia Pauline out of Class 1, and this would doubtless permit the entry of several names between those of Sadie Vale Concordia and Colantha 4th's Johanna. This will be done if the list is republished.

The report of official records published in this issue of the World adds seven names to our 20-lb. list and four names to our 80-lb. list. They are as follows: Full-Aged Class—Urmagelsche 2d A, 24.992 lbs. fat in 7 days, 94.389 lbs. in 30 days; owner, T. A. Mitchell, Weedsport, N. Y.; Sarah Jewel Hengerveld 3d, 24.318 lbs. fat in 7 days, 97.098 in 30 days, owner, W. W. Brown, Lyn, Ont.; Sarah Jewel Hengerveld, 22.504 lbs. fat in 7 days, 82.522 in 30 days, owner, W. W. Brown, Lyn, Ont.; Allie Nig 2d, 20.780 lbs. fat in 7 days, 82.522 in 30 days, E. E. Randall, Watertown, Wis.; Aaggie Tehee Pauline, 20.545 lbs. fat in 7 days, owner, H. A. Moyer, Syracuse, N. Y. Junior Four-Year Class—Aaggie Lily Pietertje Paul, 91.723 lbs. fat in 30 days, owner, H. A. Moyer; Johanna De Kol Van Beers, 22.348 lbs. fat in 7 days. Junior Three-Year Class—De Kol Bessie Pauline Paul, 20.072 lbs. fat in 7 days, owner, A. A. Hartshorn, Hamilton, N. Y.

The preliminary programme of the Farmers' National Congress, which will be held at Madison, Wis., beginning September 24, has been received. The meeting will be held in the auditorium of Agricultural Hall. Hon. W. D. Hoard, chairman of the Board of Regents of the University; C. R. Van Hise, president of the University; Dean H. L. Russell, Prof. W. A. Henry and Dr. S. M. Babcock are among those who will assist in making the meeting entertaining and instructive. Among others who are booked for addresses at the congress are Hon. R. G. Glenn, Governor of North Carolina; Hon. Albert C. Cummins, Governor of Iowa; Hon. J. A. Johnson, Governor of Minnesota; Hon. James Sheakley, of Pennsylvania, ex-Governor of Alaska; Hon. Harvey Jordan, of Georgia, ex-president of the Farmers' National Congress and president of the Southern Cotton Growers' Association; Col. Robert E. Lee, jr., of Virginia; M. R. Myers, of Chicago; Hon. J. J. Hill, of St. Paul Minn.; Hon. W. W. Kitchen, of North Carolina; Dr. Geo. T. Winston, president of the North Carolina A. and M. College, Raleigh, and Dr. Isham Randolph, chief engineer of the Chicago canal and consulting engineer of the Panama canal.

NUGGETS.

Not words, but deeds count—title deeds.

Reason knows no fear, and fear knows no reason.

Some men are so conscientious that they do nothing—for fear of doing wrong.

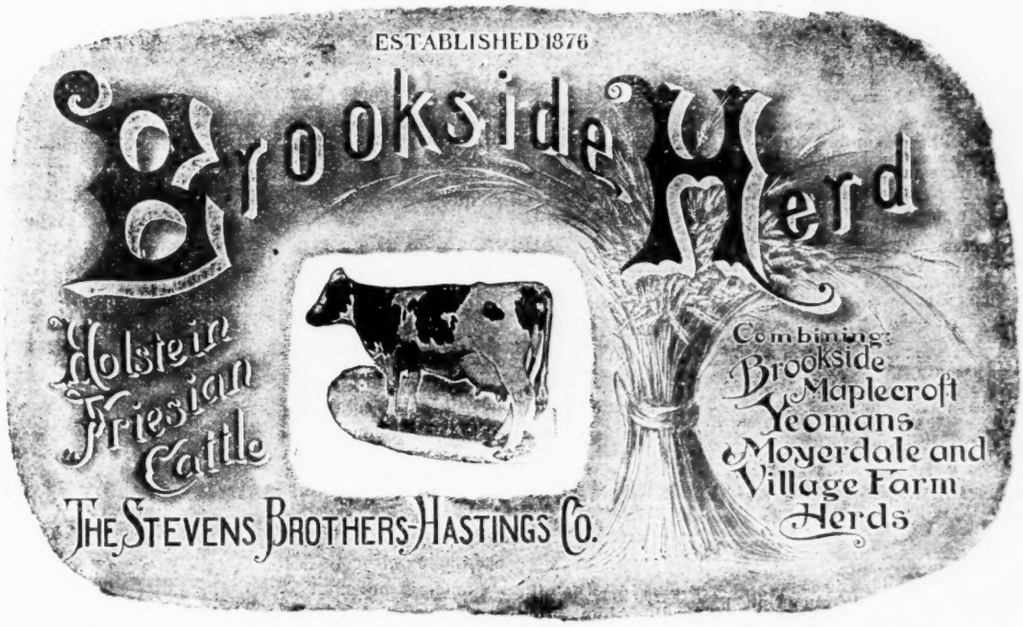
It is more blessed to give than receive, and doing, not being done, brings the greater personal satisfaction.

We believe that the only Trust that Mr. Roosevelt has busted is the "In God We Trust'," and that didn't stick.

It is said that there have been thirteen divorces in the Vanderbilt family in the last twenty years. We are not personally acquainted with the Vanderbilts, but our impression is that they are not Socialists.

The thoughtless world to Majesty may bow,
Exalt the Brave and idolize Success;
But more to innocence their safety owe,
Than Power and Genius e'er conspired to bless. —Gray.

WARD W. STEVENS E. M. HASTINGS RALPH J. STEVENS



Some 20-lb. Cows Whose Records Were Made in Brookside Herd

Those in the following list whose names are starred—upwards of forty—were still members of the herd June 1, 1908.

	Age. Yr.	A. R. O. Official Record. Lb. milk	butter
Aaggie Grace 2d's Pietertje	6	651.8	23.51
*Aaggie Grace Topsy	5	550.4	22.11
Aaggie Lily's Piet. Neth	8	385.3	20.19
*Aaggie Topsy De Kol	2	545.8	29.57
*Aaggie Topsy Ormsby	3	451.7	21.78
*Aaggie Witkop Inka De Kol	4½	483.5	21.72
*Alcartra Polkadot Ormsby	5	501.3	26.45
Atla 3d	6	487.3	20.90
Beauty Hark	4	483.5	20.07
Belle Korndyke	10	509.8	25.77
Clothilde Artis Belle	5	466.8	20.38
Clothilde Eva	6	604.5	24.28
De Kol Koningen Pauline	7	575.0	23.30
De Kol 2d	10	536.8	26.57
De Kol 3d's Pauline	4	443.1	24.15
*Edith Prescott Wayne	2½	509.2	22.40
*Empress Pietertje Hengerveld	5	583.7	27.15
Eva Clothilde De Kol	5	571.4	21.53
Gracia Ward 2d	3½	551.9	23.03
Hattie Pietertje De Kol	4	568.8	21.90
Helena Burke	7	654.1	25.45
*Hengerveld De Kol Pietertje	7	559.6	26.88
Hengerveld Duchess De Kol	5	469.8	20.35
Inka 4th's Pietertje Rose	4½	509.4	21.90
*Jannek Albina De Kol	7	485.0	21.16
*Jannek Albina De Kol 3d	4½	605.3	29.71
*Jannek Netherland Korndyke	3½	437.5	21.21
Jessie Lamb De Kol	6	470.6	20.45
Jessie Veeman Hengerveld	4½	492.9	20.33
*Jewel Korndyke	4	498.7	25.65
Johanna Netherland De Kol	3½	435.2	20.00
Johanna Queen Mechthilde	4	545.9	23.29
*Josie Von Harlingen's De Kol	8	501.8	23.43
Kate B. Pietertje	7	502.6	20.84
Kathleen McD	10	538.0	21.98
Korndyke Queen De Kol	6	501.4	24.42
Lilith's Beauty 2d	8	501.5	21.66
*Lunde De Kol 4th	3	456.5	21.07
*Maid Mutual De Kol	6	567.9	31.30
Manor De Kol Lady Burke	6	502.7	22.18
Manor De Kol's Helena Burke	5	504.2	20.00
Maplecroft De Kol Perfec'n Maid	4½	520.0	20.65
Martha Dowager	5	537.3	20.52
Molly Wood 2d's De Kol 2d	5	493.3	21.39
*Mutual Wayne Pauline De Kol	5	541.8	22.34
Netherland Hengerveld	7	544.9	26.66
Norma Pauline Hengerveld De Kol	5	538.1	20.83
Piebe Beets	2½	473.4	20.35
Pietertje De Haan 2d	5	499.7	21.00
*Pontiac Abbekerk	4½	587.1	21.31
*Pontiac Ambrosia	3	524.9	24.96
*Pontiac Artis	4	533.3	24.58
*Pontiac Calypso	5	56[illegible].2	28.43
*Pontiac Columbo	5½	441.0	29.86
*Pontiac Clothilde De Kol	6	400.4	23.11
*Pontiac Clothilde De Kol 2d	4	533.3	28.72
*Pontiac Clothilde Hengerveld	6	437.1	22.56
*Pontiac De Kol	3½	433.9	21.23
*Hesseltje Heng	7	541.0	21.29
*Pontiac Inka	5	540.5	26.11
*Pontiac Jewel	5	49[illegible].6	25.20
*Pontiac Lunde Hengerveld	5	559.8	28.41
*Pontiac Maia	5	565.3	21.09
*Pontiac Metis	4	5[illegible].1	22.18
*Pontiac Order	5	549.1	21.03
*Pontiac Pauline De Kol	5½	506.1	25.99
*Pontiac Pleione	5	587.1	22.27
*Pontiac Pyrrha	4½	613.5	26.86
*Pontiac Soldene	4½	636.0	26.61
*Pontiac Summer Hesseltje	8	525.6	23.22
*Pontiac Tirania	5	512.3	21.99
*Ruby De Kol Burke	5	585.4	25.69
Sarah Jewel	5½	419.7	21.49
*Segis Clothilde Rose	4	449.7	21.01
*Susie De Kol Paul	8	573.3	30.05
*Valley Farm Topsy	6	446.1	20.48
Venango Pietertje	6	551.8	25.27
Winana Beets De Kol	6	509.6	20.71

To the above list of 20-lb. cows in the herd June 1, 1908, may be added the names of Segis Inka, 28.04 lbs., and Winana Pietertje De Kol, 25.54 lbs., at 4½ years old, former members of Moyerdale and Village Farm Herds, and whose records were made before we bought them.

HOLSTEIN-FRIESIAN WORLD

A Journal for the Holstein Friesian, the Dairyman and the General Farmer. Entered at the Ithaca (N. Y.) Postoffice as second class mail matter.

Issued the 8th and 22nd of every month.

C. G. BROWN, B. S., B. S. A., Editor and Publisher, ITHACA, N. Y.

DEPARTMENT OF ANIMAL HUSBANDRY.
H. H. WING, M. S. A.....Ithaca, N. Y.

DAIRY INDUSTRY.
H. A. HOPPER, M. S.....Univ. of Cal., Davis

THE STUDY TABLE.
SOLOMON HOXIE.....Ithaca, N. Y.

INFECTIOUS DISEASES OF CATTLE.
V. A. MOORE. B.S., M.D., Cornell Vet. College

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Subscription price, One Dollar per year in advance. Three years to one subscriber for $2.00 in advance; five years for $3.00 in advance.

The date on the yellow mailing tag attached to the wrapper of each paper indicates the time to which subscription is paid.

When a subscriber wishes his subscription discontinued he should notify this office.

Approved cuts of meritorious Holstein-Friesian Animals, when furnished, will be published free of charge.

If photographs are sent, cuts will be charged for at cost price.

Advertising rates sent on application.

Remittances should be made by draft, postoffice or express money orders. Money orders and drafts should be made payable to C. G. BROWN.

Office of publication, 130 Hazen street, Ithaca, N. Y.

All matter for publication must reach the editor by the 4th and 18th of the month to insure appearance in current issue.

Editorials.

The Tuberculin Test.

That the tuberculin test is valuable is not to be doubted, but rather as esatblishing suspicion than as condemning to the black.

Why do we say this? Because we are assured that advanced cases do not react, but that animals very slightly affected invariably do. If, now, the tuberculin test were to constitute the deadline, many animals in the advanced stages of tuberculosis would be retained in their respective herds while many animals that would never become infectious would be slaughtered. A healed tubercle is of little more consequence in a cow's anatomy, so far as health is concerned, than a tattoo mark on a man's arm.

Therefore, I repeat, the tuberculin test should be used only as an indicator, a means of establishing cases where caution is to be taken. The milk and excretions of such animals might be examined and the fact established as to whether or not they were giving off contagious germs. The test would indicate animals that would be benefited by special hygienic treatment and sanitary provision and care.

To slaughter all animals reacting to the tuberculin test, and only those, would be not only unwise but unscientific. It would be a wasteful procedure and utterly fail in the object sought. This seems to be not only in accord with the facts, but the dictum of plain, common sense.

Brookside Herd

Probably no other herd has produced as many famous animals or contributed as much to the development of the breed as that of Brookside. Since its establishment in 1876 this herd has held a leading position in the Holstein-Friesian world.

Brookside Herd was originally established by the firm of Henry Stevens & Sons at Lacona, N. Y., which continued until 1904, when a division took place and the firms of Henry Stevens & Son and Stevens Brothers-Hastings Company were formed, the latter firm retaining the original name, Brookside Herd. About two years ago the firm of Stevens Brothers-Hastings Company purchased Village Farm of W. C. Hunt at Liverpool, N. Y. Other purchases have been added and new buildings have been constructed, until now the Liverpool farm contains 320 acres of productive land, beautifully located and equipped with all modern conveniences. The Lacona farms, comprising several hundred acres, well equipped with dairy buildings of modern type and fully stocked with Holstein-Friesians, still form a part of Brookside farms.

A recent visit to Brookside farms at Liverpool revealed the extensive improvements that are being made. The growing crops, the commodious stables and silos, the conveniences for caring for the dairy products, the office equipments, all indicate thrift and prosperity. We shall not attempt to describe the scores of famous animals that were pointed out to us with bewildering pedigrees and records ranging from 20 to 30 pounds. A glance at the list of cows published in Brookside advertisement in this issue of the World that have made records between 20 and 30 pounds at the Brookside farms will indicate the uteer impossibility to mention their names in this connection. This list of upwards of eighty famous cows, together with the list of forty famous sires bred or owned at Brookside Farms, published in the August 8th issue of the World, we think will render the truth of our leading statement apparent to every reader.

To close this very brief sketch without mentioning the leading herd sire, King of the Pontiacs, would be worse, in comparison, than the play of Hamlet with Hamlet left out. His symmetrical conformation, and indication of great vigor and strong constitution, impress one as his leading characteristics, and well does he stamp these characteristics on his numerous offspring. The calf, King Pontiac Champion, which forms the illustration on the first page of this paper, is certainly one of the handsomest calves we ever saw.

Regardless of what may be said by rival breeders of Holstein-Friesian cattle, a herd that has stood for over thirty years, and now is at the height of its fame, must indicate judicious methods and fair dealing. The more than eighty good matrons and forty famous sires that have gone out from or are now owned at Brookside have had an influence upon the breed that cannot be accurately estimated. The De Kols and Hengervelds, the Burkes and Korndykes so famous and numerous throughout the length and breadth of the whole country are perpetual, living, eloquent advertisements of Brookside Herd.

Providence—Chance—Law.

A recent issue of a prominent farm paper contains the following: "The claim that would lead to the conclusion that Divine Providence takes no hand in the affairs of man would lead to the acceptance of the view that we live in a world where all is chance."

We meet with statements, similar to the one just quoted, so often that we feel constrained to enter a protest to the inference. That Providence or Chance are alternatives is not true. The ongoings of the universe are neither the result of a capricious will, that may be influenced by the whimsical resquests of a thousand million human beings, nor that other conception, a jumble of unrelated, uncaused phenomena termed chance.

The universal stream of phenomena which we behold proceeds by law, the law of cause and effect. This law is not capricious or subject to will power; it is immutable and inexorable. It is what it is because it could not be otherwise. It is a universal and eternal fact. There are no uncaused effects or uncaused causes; every cause has been an effect, and every effect becomes a cause. To conceive that this chain of cause and effect may be broken or have an end is as whimsical as to imagine that universal space might be annihilated. No, Law, not chance, is the alternative of Providence. Listen to the conclusions of another on this subject:

"Slowly, beautifully, like the coming of the dawn, came the grand truth, that the universe is governed by law; that disease fastens itself upon the good and upon the bad; that the tornado cannot be stopped by counting beads;

The King of Butter Kings in the Middle West

NOTICE to THE HOLSTEIN BREEDERS WEST of NEW YORK STATE and EAST of KANSAS CITY. The "King of Butter Kings" will be at C. L. Smith's Farm at Cary Station, Ill., for the next four months and any party desiring his services can ship their females to Mr. Smith's farm and I will pay one-half the freight expense and all the pasture charges upon the stock while there, providing two or more head are shipped.

Address, C. S. AVERILL, care The Yates, Syracuse, N. Y.

TERMS OF SERVICE OF THE KING OF BUTTER KINGS.
Who Will Be Shipped to Any Parties Desiring His Services.

The only bull of the breed whose dam, whose sire's dam, and whose grandsire's dam average almost 32 lbs. of butter each in one week, viz.:

PONTIAC RAG APPLE, A. R. O., 31.617.
MERCEDES JULIP'S PIETERTJE, A. R. O. 29.57.
AGGIE CORNCOPIA PAULINE, A. R. O. 34.52.

The per cent. of fat each in their official tests was over 4 per cent.

The only bull of the breed that through his three nearest dams can impart the blood of three cows whose records average almost 32 lbs. each.

Also the only bull in the breed that has the blood in his loins of the five greatest producing families of the breed, namely:

THE JOHANNA, THE DE KOL, THE PIETERTJE, THE MERCEDES, THE KORNDKE,

thus making him the greatest bred bull of the breed and (unless sold) his services can be procured upon the following terms, for cows with records below 27 lbs.:

Service for one cow..... $100
Service for two cows..... 75 each
Service for three cows..... 60 each
Service for four cows or over..... 50 each

Parties in the same locality may unite if they desire to get these rates.

For cows with records over 27 lbs. terms will be given upon request.

Service payable at the birth of a live calf; payable in cash or approved bankable paper with interest at 6 per cent.

The owner of "King of Butter Kings" will pay all shipping expenses east of Kansas City, where two or more cows are served, and when only one cow is served each party will pay one-half of the shipping expenses.

All parties desiring the service of the "King of Butter Kings" are to keep said bull in a first-class manner while in their possession as per instructions from owner and without expense to the owner, the bull being at the risk of owner at all times. Send for his pedigree.

Address, C. S. Averill, The Yates, - Syracuse, N. Y.

that the rushing lava pauses not for bended knees, the lightning for clasped and uplifted hands, nor the cruel waves of the sea for prayer; that paying tithes causes rather than prevents famine; that pleasure is not sin; that happiness is the only good; that demons and gods exist only in the imagination; that faith is a lullaby sung to put the soul to sleep; that devotion is a bribe that fear offers to supposed power; that offering rewards in another world for obedience in this is simply buying a soul on credit; that knowledge consists in ascertaining the laws of nature, and that wisdom is the science of happiness. Slowly, grandly, beautifully, these truths are dawning upon mankind."

NEW ADVERTISEMENTS.

The Breeders' Sales Agency of Binghamton, N. Y., A. Stone, manager, is now prepared to supply customers with any kind of Holstein-Friesian stock desired. Write for particulars.

Springdale Herd, H. M. Lyon & Son, Wyalusing, Pa., proprietors, offers four fine registered Holstein-Friesian cows bred to Cornucopia Hengerveld De Kol, for $300. Better write him about this offering at once.

Ralph Corbin writes: "Please change ad, as surplus females all sold." Mr. Corbin offers bull calves sired by Clothilde De Kol Alban at $25, f. o. b. Some of these calves would probably be worth $250 apiece if their dams had been tested.

T. A. Mitchell, Oakland Farm, Weedsport, N. Y., will reduce his herd to the extent of twenty females—ten A. R. O. cows, 2 to 5 years old, and ten heifers, 6 to 18 months old, sired by De Kol Hengerveld Burke and bred to sons of Hengerveld De Kol and King Segis. Look for this advertisement.

The list of 20-lb. cows whose records were made at Brookside Herd, published in this issue of the World, shows, among other things, the attention paid to this branch of the breeding industry. A young animal purchased from Brookside is almost sure to have its value greatly enhanced by the subsequent increase of the records of its immediate ancestors.

Rockdale herd of Holstein-Friesians, which was recently established, has already forged to the front and is recognized as one of the leading herds of the country. Cows and heifers in calf to the great Pontiac De Kol Hengerveld are now being offered for sale, as well as young things, at prices that will spread the reputation of the herd. Henry Ives Cobb, proprietor; E. C. Brill, manager, Brewster, N. Y.

Perhaps the deeper faith that is to come
Will see God rather in the strenuous doubt,
Than in the creed held as an infant's hand
Holds purposeless whatso is placed therein. —Lowell.

Breeders' Bulletin Board.

SUNRISE HERD.

Bainbridge, N. Y., Aug. 14, 08.
Editor H.-F. World:

E. E. Risley, of Walton, N. Y., selected ten choice cows and heifers from Sunrise Herd and drove them over the mountain from the Susquehanna to the Delaware valley.

They are the foundation for the Hill Pine Stock Farm of Walton, N. Y. Probably no other breeder can boast of 65 old hill pine trees worth $100 each, so he is justly entitled to the name chosen.

The good judgment and business ability shown in laying this foundation gives promise of a beautiful and uniform herd on one of the picturesque Delaware hills.

R. CORBIN.

BROOKSIDE HERD.

Liverpool, N. Y., Aug. 7, 1908.
Editor Holstein-Friesian World:

The frontispiece shows King Pontiac Champion, born Feb. 10, 1908. Sire—King of the Pontiacs, who combines in the closest degree the blood of the two leading Pontiac sires, Hengerveld De Kol and Pontiac Korndyke the bull being sired by the latter, while his dam is a 28-lb. A. R. O. daughter of the former. Hengerveld De Kol has upwards of 80 A. R. O. daughters with official 7-day butter records averaging over 20 lbs. each, which can be said of no other sire that ever lived. King of the Pontiacs is himself a superb individual and is regarded by many leading breeders as being one of the best Holstein

bulls living at the present time. Dam—Maid Mutual De Kol, with an A. R. O. record, at 3½ years old, of 25½ lbs. butter in 7 days and a trifle over 100 lbs. in 30 days. She has a later A. R. O. record, made at 6 years old, of 567.9 lbs. milk, 31.30 lbs. butter in 7 days, her milk for the week averaging 4.41 per cent. fat, and 2,337.2 lbs. milk, 117.26 lbs. butter in 30 days. She is the only 31-lb. cow having a 25-lb. dam, her dam, Rowena Maid 2d's B, having an A. R. O. record as a 4-year-old of 25.6 lbs. butter in 7 days. Maid Mutual De Kol's sire, De Kol 2d's Mutual Paul, is one of the well known sires of the breed, and his dam was De Kol 2d, with an A. R. O. record of 26.57 lbs. butter in 7 days. It will thus be seen that the young bull, King Pontiac Champion, represents an unprecedented combination of large record ancestry on both sides of his pedigree. It is our intention to grow him up to place at the head of the Lacona branch of Brookside Herd.

Yours very truly,
THE STEVENS BROS.-HASTINGS CO.

BIG AYRSHIRE RECORD.

The Ayrshire record cow, Rena Ross, 14539, owned and tested for Advanced Registry by John R. Valentine, Highland Farm, Bryn Mawr, Pa., has just completed her year's record under the official direction of the Pennsylvania Experiment Station and the Ayrshire Breeders' Association, and been admitted to advanced registry with a record of 15,072 lbs. of milk, 751 lbs. of butter. This is the highest official record, both in milk and butter, of any Ayrshire cow known to the writer, either in the United States, Canada or Scotland. She is a strong, rugged cow, of great constitution, weighing, I should say, about eleven hundred pounds. She is a good type of a business cow.

C. M. WINSLOW.

Brandon, Vt.

—Pacific Dairy Review.

This is not so very bad—only 496 pounds less than the amount produced by the champion Holstein-Friesian, Colantha 4th's Johanna.—Ed.

NEW WALL COVERING.

Consul-General Milliam H. Michael, writing from Calcutta, gives the following account of a damp-resisting wall covering:

Much complaint has always been made by occupants of houses in Calcutta on account of damp walls, especially in the rainy season of the year. To remedy this it is proposed to use a new kind of damp-proof paper, made of "raw copper," and varying in thickness from 0.0012 of an inch to 0.006. It is said to be capable of being worked into all sorts of patterns. It is claimed to be insect-proof and damp-proof, and can go six or seven years without being cleaned. It is used in the same way as wall paper. Ordinary wall paper is of little use in the damp climate of Calcutta, and the new invention holds out many inducements.

The H.-F. World Advises Its Readers

that the STEVENS BROTHERS-HASTINGS COMPANY, Liverpool, N. Y., are offering *special bargains* in heifers 2 to 12 months old, also a few heifers 12 to 20 months old most of which have been bred. Buy from a herd that has a reputation to sustain, one that has turned out more great record cows than any four herds combined. They will give you the greatest value for the money.

THE STEVENS BROS.-HASTINGS CO.,
BROOKSIDE HERD. LIVERPOOL, N. Y.

Frontier Herd

Witkop DeKol Korndyke Wayne No. 36543 Heads the Herd

Sire—Belle Korndyke Beryl Wayne, Sire of 24 A. R. O. daughters. (a son of Belle Korndyke) 25.77 pounds of butter in 7 days, average fat 4.04 per cent.

Dam—DeKol Witkop Wayne 2d 28.87 pounds of butter in 7 days, average fat 4.77 per cent. She also produced in one day 5.96 pounds butter, which is the world's record for one day's production.

A few bull calves from A. R. O. cows for sale at moderate prices. If you want Holsteins rich in butter fat, you can get them here.

P. W. Ames, Morristown, St. Lawrence Co., N. Y.

FAIRVIEW FARM HOLSTEINS

We offer, Bull calf born March 23d, 1908. Dam, a 19 lb. 3-year-old. Also calf born March 9th, 1908. Dam, a 15.635 lb. 2-year-old. Another born Nov. 25, 1907. Dam, a 17.5 lb. cow.

These calves are sired by one of the best A. R. O. backed bulls of the breed. 8 dams above 25 lbs. butter each, including dam and sire's dam at 4 years.

Fine individuals and well marked. Send for extended pedigrees.

O. J. GODFREY & CO. Pennellville, Oswego Co., N. Y.

Hygeia Pontiac Pietertje

Born July 16, 1907

Sire, Pontiac Calypso's Son, dam and sire's dam average 28.15 lbs. each.
- Beryl Wayne's Paul De Kol, A. R. O. of dam 27.87 lbs.; 24 A. R. O. daughters.
- Pontiac Calypso, A. R. O. 28.43 lbs.; 75 A. R. O. half sisters.

Dam, Joe Bach Josephine, A. R. O. 512 lbs. milk, 23.82 lbs. butter.
- Aaggie Grace, Piet. Clothilde, 18 A. R. O. daughters.
- Joe Bach 2nd.

A very fine individual, well grown and nicely marked. Average record of three nearest dams is 26.7 lbs. each. Guaranteed sraight and right every way. Write at once. Mention World.

HYGEIA HERD

J. B. Loomis, Supt. Crozet, Albemarle Co., Virginia.
Dr. W. F. CARTER, Owner

Korndyke Bull Calf for Sale

The calf advertised in last issue is sold. Here is another.

SIRE—Earl Korndyke De Kol No. 24954, A. R. 253. Son of Belle Korndyke, average per cent fat 4.01.

DAM—Ethel Konningen Spofford No. 76888 A. R. O. record of 21.398. Senior three-year-class. Average per cent fat 3.85, Calf is three-fourths white, handsomely marked. His dam is high class show heifer.

ISAAC DALRYMPLE - - Otselic, N. Y.

BULLS OF HIGH DEGREE

While you are looking for a bull to head your herd why not give a passing glance at the LAKELAND HERD, the headquarters of the descendants of PIETERTJE HENGERVELD'S COUNT DE KOL, the greatest of them all for he is the sire of two 30 pound daughters, has 26 with records of over 20 lbs. and SEVENTY-ONE or MORE in all that have official tests.

I have other well bred things to offer of different breeding. Get my pedigrees and prices on BULLS before you buy or you will miss it, for I have a grand lot both in individuality and breeding.

Write to me or come and see the herd for yourself.

WING R SMITH, - Wieting Block, Syracuse, N. Y.

FOR SALE

I now offer for sale a bull calf born April 8th, 1908, and sired by Aaggie Cornucopia Johanna Lad, Jr., who won first prize and champion over all at the New York State fair, 1907. His get also won first prize. His sire's dam is the champion 4-year-old butter cow of the world. His dam is a daughter of Homestead Hengerveld DeKol Pau with a 4-year-old record of 18.25 lbs. in 7 days, and his dam's sire is Paul Beets DeKol, the greatest producing sire in the world—83 A. R. O. daughters. This calf is a fine individual, a little more than half white and straight as a line.

M. S. NYE, - - - Preble, N. Y.

"A FAIR FIELD AND NO FAVORS"

BREEDERS' SALES AGENCY

A BUREAU OF INFORMATION ESTABLISHED FOR THE BENEFIT OF THE BREEDER WITH STOCK FOR SALE, AND FOR THE MAN IN THE MARKET TO BUY

A. STONE
MANAGER

BREEDERS

We do your Advertising, advertising which Sells, or

NO PAY!

We do your Office Work.
We answer your inquiries.
We compile your Pedigrees.
We sell your stock.

You handle the Cash!

INTENDING PURCHASERS

The problem is "Where to Buy!"
We have solved the problem.
We can describe to you any class of stock desired.
We can desribe to you stock in any locality.
We can save you time, trouble and traveling expenses.
We can give you full and satisfactory descriptions.
We can give you extended pedigrees of each animal.
We can help you to secure better value for your money than you can secure in any other way.

We do this Free of Charge to You

Binghamton, New York, 8/20/'08.

The agency is now in position to offer all kinds and classes of stock for sale.

If you are in the market for stock, you will do well to write the Agency stating your wants, as the stock desired may be in your own locality. This would save to you time, trouble and expense.

All information is cheerfully given free of charge.

A. STONE, Manager,
Breeders' Sales Agency,
Binghamton, N. Y.

For Sale--42 Head Thoroughbred Registered and Advanced Registered Holstein-Friesians

My Entire Herd—Not One Reserved

MY REASONS:

First—The herd has outgrown my farm and I must reduce the numbers, and I prefer to sell the whole lot, rather than attempt to make selection.

Second—I am obliged to rebuild my barn, which I cannot do with my present herd on hand.

This Herd is one of the most uniform in the country. I have been years breeding and getting it together. Positively there is not a single ordinary creature in it. There are several trios in it, that will pay for the whole herd. There are many good records in it—but nearly every creature in it is capable of doing better. I have not a single bull calf from this Herd. I have not been able to meet the demand.

A person buying from this Herd will have the foundation of as promising results as this country affords.

I will not sell in parts—I will not mail pedigrees extended. This is one of the best Herds in the world and must be seen to be appreciated. Each creature will be tuberculin tested and sold absolutely free of disease or latent defect if known. My price is $225.00 each. Or the purchaser may select 40 out the 42 if he wishes for $9,000.00 and the remaining two he must take at a disinterested appraisal. Ages from eight months to eight years.

I have never known an opportunity like this for an intending purchaser. By natural increase this Herd should number Seventy-five (75) within a few months.

C. W. WOOD,

Worcester, Mass.

SUMMARY OF OFFICIAL RECORDS FROM JUNE 17 TO JULY 13, 1908.

During the period from June 17th to July 13th, 1908, records for 117 cows were accepted, three of which were begun more than eight months after calving. Of the 114 ordinary records five were extended to 14 days and eight to 30 days

This herd of 114 animals, of which 60 per cent. were heifers with first or second calves, produced in seven consecutive days 42,971.9 lbs. of milk, containing 1,512.456 lbs. of butter fat, thus showing an average of 3.52 per cent. fat. The average production for each animal was 376.9 lbs. of milk, containing 13.267 lbs. of fat; equivalent to 53.8 lbs. or 26 quarts of milk per day, and nearly 15½ lbs. of the best commercial butter per week.

This issue of the official reports extends the 24-lb. list by adding the names of Urmagelsche 2d A. and Sara Jewel Hengerveld 3d, and the H.-F. breed can now claim an even two dozen cows that have shown themselves capable of producing fat sufficient to make 28 lbs. of the best commercial butter in one week. The second of these cows has the honor of appearing just above her dam, the average for the mother and daughter being 23.411 lbs. fat.

The aged cow class is led by Urmagelsche 2d A, 24.992 lbs. fat from 414 lbs. milk in 7 days, 94.389 lbs. fat from 1,914 lbs. milk in 30 days, with Sara Jewel Hengerveld 3d, 24.318 lbs. fat from 639.7 lbs. milk in 7 days, 97.098 lbs. fat from 2,613.1 lbs. milk in 30 days, second and surpassing her in the 30-day test, while the dam of the latter, Sara Jewel Hengerveld, 22.504 lbs. fat from 685 lbs. milk in 7 days, 88.155 lbs. fat from 2,625.8 lbs. milk in 30 days, stands third. Allie Nig 2d, 20.78 lbs. fat from 530.8 lbs. milk in 7 days, 82.522 lbs. fat from 2,200.6 lbs. milk in 30 days, and Aaggie Tehee Pauline, 20.545 lbs. fat from 412.8 lbs. milk, gain places in the 20-lb. class, as do Gewina Lilly Princess and Lady Mona Chief in the 19-lb. class, the latter two each producing above 19 lbs. fat. Clarissa Clothilde Pietertje and Grace P. M. De Kol produce above 18 lbs. fat and gain honorable mention.

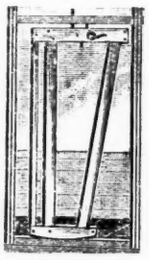
Aaggie Lily Pietertje Paul, whose 7-day record of 23.489 lbs. fat from 591.6 lbs. milk has been previously reported, again appears among the junior four-year-olds with a 30-day record of 91.723 lbs. fat from 2,442.8 lbs. milk, while Johanna De Kol Van Beers, 22.348 lbs. fat from 508.1 lbs. milk, comes second. In like manner, in the Senior Three-Year Class, appears Pietertje Princess Leo 3d, with a 30-day record of 73.891 lbs. fat from 2,306.8 lbs. milk, her previously reported 7-day record being 19.223 lbs. fat from 593.7 lbs. milk. In this class, Cleopatra Gelsche 2d, 17.799 lbs. fat from 365.4 lbs. milk, is second.

At the head of the Junior Three-Year Class stands De Kol Bessie Pauline

Old Home A. R. O. Holstein-Friesians.

Bull calves from dams with 20½ and 2 lbs. of butter A. R. O. at 4 years old. Sire's dam 26 lbs.—senior 4 years old Price low.

E. S. ROBINSON, FORESTVILLE, N. Y.



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30 Days Trial

Stationary when open. Noiseless, Simple, Sanitary, Durable. Thousands in use Stand the Test.

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Rockdale Holsteins

COWS and heifers in calf to the great Rockdale Herd Bulls; also calves and bulls by them FOR SALE at reasoeable prices to spread the reputation of the herd.

ROCKDALE FARM - - - - - BREWSTER, NEW YORK

Official Records of Holstein-Friesian Cows

117 Cows **From June 17, to July 13, 1908.**

NAME OF COW AND OWNER.	Age y. m. d.	Days from Calving.	Consecutive Days.	Milk, lbs.	Average per cent. fat.	Butter fat lbs.
Full-Aged Class.						
Urmagelsche 2d A, 69967, T. A. Mitchell	5 0 11	7	7	414.0	6.04	24.992
	5 0 11	4	30	1,914.0	4.93	94.389
Sarah Jewel Hengerveld 3d, 106778 (sire 26766; dam 55841), W. W. Brown	5 2 0	18	7	639.7	3.80	24.318
	5 2 0	7	30	2,613.1	3.72	97.098
Sarah Jewel Hengerveld, 55841, W. W. Brown	7 3 6	33	7	685.0	3.29	22.504
	7 3 6	10	30	2,625.8	3.36	88.155
Allie Nig 2d, 68441, E. E. Randall	5 0 15	19	7	530.8	3.91	20.780
	5 0 15	9	30	2,200.6	3.75	82.522
Aaggie Tehee Pauline, 57417, H. A. Moyer	10 2 5	4	7	412.8	4.98	20.545
Gewina Lilly Princess, 63555, H. A. Moyer	5 11 29	5	7	332.1	5.83	19.356
Lady Mona Chief, 62643, John S. Shanahan	6 2 2	11	7	458.2	4.18	19.149
Clarissa Clothilde Pietertje, 64860, H. W. Hartshorn	5 1 8	17	7	560.3	3.30	18.481
Grace P. M. De Kol, 62234, R. B. Young	6 4 12	22	7	634.2	2.85	18.070
Mamie Ekster, 54177, C. F. Hunt	8 1 22	16	7	510.9	3.47	17.720
De Kol Model Beauty, 68913, Quentin McAdam	5 5 2	31	7	444.8	3.80	16.892
Johanna Clothilde 4th, 60986, University of Wisconsin	6 3 17	88	7	430.7	3.79	16.315
Aaggie Tehee Artis De Kol, 50737, H. A. Moyer	9 1 12	9	7	303.7	5.32	16.151
Piebe Estata De Kol 2d, 82121, August Luedke	6 5 22	20	7	511.0	3.14	16.037
Princess Aaggie Pietertje Wayne, 65043, T. H. Jackson	5 11 7	16	7	541.3	2.95	15.947
Sadie Friend Mercedes, 64928, Quentin McAdam	5 2 10	8	7	460.5	3.39	15.612
Pietertje Tweede 2d, 43832, A. A. Hartshorn	10 8 23	10	7	481.0	3.23	15.522
Heilo Oak Burke, 67590, W. H. Jones	5 3 3	44	7	455.0	3.41	15.494
	5 3 3	36	14	904.9	3.32	30.002
Thilda De Kol, 58731, McKay Brothers	6 8 17	12	7	480.0	3.20	15.337
Rose Goudgeld Pet Beets, 64740, J. A. Graham	5 10 29	16	7	473.5	3.24	15.320
Silver Lake Namur, 83551, J. C. Latimer	7 7 26	10	7	410.2	3.73	15.317
Countess Ononis, 86762, J. A. Graham	6 8 20	17	7	456.9	3.31	15.145
Clothilde Anna Netherland, 73896, F. L. Booth	5 9 9	9	7	459.2	3.14	14.411
Cipher Lilu, 54170, E. W. Pope	12 2 16	59	7	463.7	2.91	13.491
Numa De Kol 2d, 64411, L. C. Morse	5 2 4	48	7	417.5	3.17	13.250
Colanthus Queen Genevra De Kol, 57177, M. F. Peek	7 7 16	23	7	383.3	3.37	12.929
Rijaneta De Kol, 59083, S. C. Stanchfield	7 3 18	7	7	402.1	3.01	12.108
Katie B.'s Countess No. 1, 44215, J. A. Graham	10 11 6	6	7	393.6	3.07	12.088
Senior Four-Year Class.						
Geneseo Belle Colantha, 69620, McKay Brothers	4 11 14	40	7	550.6	3.18	17.501
Colantha Bakker 5th, 71433, G. J. Schuster	4 7 20	8	7	330.6	3.64	12.020
Aaggie Lily Pietertje Paul, 74073 (seven-day record, 23.489 lbs. butter fat from 591.6 lbs. milk, previously reported) H. A. Moyer	4 2 20	6	30	2,442.8	3.75	91.723
Johanna De Kol Van Beers, 75131, H. A. Moyer	4 0 28	10	7	508.1	4.40	22.348
Gewina 2d's Lilly 3d, 68194, E. E. Randall	4 4 8	69	7	469.7	3.50	16.454
	4 4 8	52	30	1,948.3	3.29	64.133
Highland Princess Wayne, 70702, Phelps Montgomery	4 2 3	16	7	446.3	3.22	14.381
Maud Pearl, 75952, W. H. Jones	4 1 18	20	7	394.5	3.26	12.842
Hillside Madam, 86131, J. N. Conyngham	4 2 10	87	7	365.5	3.38	12.342
Colantha Pauline Johanna, 76461, S. C. Stanchfield	4 0 20	28	7	378.2	3.19	12.058
Julia Countess Von Harlingen, 68995, J. A. Graham	4 5 13	5	7	346.3	3.33	11.533
Frauektje Piebe, 77369, E. E. Randall	4 1 5	21	7	322.7	3.44	11.113
Almeda Luecke 3d's Homestead, 74428, W. A. Canniff	4 1 17	9	7	365.0	3.05	10.846
Senior Three-Year Class.						
Pietertje Princess Leo 3d, 78153 (seven-day record, 19.223 lbs. butter fat from 593.7 lbs. milk, previously reported), O. J. Godfrey	3 6 16	23	30	2,306.8	3.20	73.891
Cleopatra Gelsche 2d, 74928, A. A. Hartshorn	3 10 21	5	7	365.4	4.87	17.999
Nutula Queen Alcartra, 71418, McKay Brothers	3 9 28	57	7	443.0	3.20	14.196
Mulala 2d, 72023, L. C. Morse	3 11 15	13	7	331.2	3.91	12.961
Vivian R., 70951, S. M. Randall	3 11 2	151	7	429.0	2.83	12.161
Junior Two-Year Class.						
Prater Netherland 3d, 85523, M. T. Carrigan	3 9 23	22	7	348.2	3.20	11.130
De Kol Bessie Pauline Paul, 81971, A. A. Hartshorn	3 3 20	6	7	516.9	3.88	20.072
Wayne De Kol Betsy, 75487, C. F. Hunt	3 1 2	45	7	405.3	3.56	14.433
Netherland Johanna De Kol Spofford, 83157, C. A. Schroeder	3 2 21	15	7	414.6	3.44	14.253
Elma Maid, 95453 (sire 29783; dam 59464), M. E. Moore	3 2 15	27	7	526.7	2.64	13.922
Diamond Beauty Johanna, 79179, L. C. Morse	3 1 29	10	7	347.9	3.79	13.187
Gewina Lilly Mooie, 80204, W. H. Jones	3 5 11	60	7	376.5	3.50	13.176
Ruth Parr, 84248, S. M. Randall	3 0 10	22	7	370.5	3.51	12.995
Annie Wychgram, 84766, S. M. Randall	3 0 25	19	7	383.6	3.35	12.857
Korndyke Pietertje De Kol 3d, 84003, J. W. Stewart	3 1 15	20	7	344.7	3.65	12.597
Wadmantje De Kol 2d, 82398, O. J. Godfrey	3 2 6	39	7	356.2	3.49	12.439
Hillside Colantha 2d, 85562, J.N.Conyngham	3 0 20	13	7	299.7	4.08	12.220
Olivet Mercedes De Kol, 82399, O. J. Godfrey	3 2 7	41	7	319.0	3.43	10.927
Queen Johanna, 81240, S. C. Stanchfield	3 4 11	22	7	347.8	2.90	10.091
Senior Two-Year Class.						
Buttercup Clothilde Pietertje 2d, 80315, A. A. Hartshorn	2 6 21	7	7	316.5	5.06	16.021

We Are Ready, 88079, E. E. Randall	2 6 11	10	7	358.7	4.06	15.578
Gerben Queen Johanna, 85580, W. C. Evans	2 7 15	19	7	408.8	2.92	11.940
Aaggie Cornucopia of Dutchland, 80000, Fred F. Field	2 8 18	6	7	287.8	3.80	10.925
Wisconsin Bride Mooie, 88332, August Luedke	2 6 1	14	7	303.0	3.57	10.820
Woodside Helena Pietertje, 105204 (sire 34800; dam 70500), A. D. Foster	2 10 25	12	7	333.5	3.20	10.661
Geneseo Belle Alcartra, 84189, McKay Brothers	2 11 1	56	7	354.0	2.95	10.447
Nutula Alcartra Queen, 84190, McKay Brothers	2 10 13	45	7	323.9	3.10	10.051
Clothilde Anna Netherland 2d, 89405, F. L. Booth	2 10 20	100	7	305.7	3.20	9.777
Junior Two-Year Class.						
Belle Segis, 86647, H. A. Moyer	2 1 19	16	7	455.4	3.72	16.949
Urma Burke, 90686, T. A. Mitchell	2 3 19	4	7	344.8	4.54	15.643
Pauline Pietertje Hartog, 89975, A. A. Hartshorn	2 3 18	9	7	328.5	4.43	14.553
Clothilde Segis, 87605, H. A. Moyer	2 2 0	9	7	366.4	3.90	14.274
Madam De Kol Netherland, 88808, A. L. Williams	2 3 26	32	7	393.0	3.58	14.086
	2 3 26	27	14	759.7	3.53	26.807
Little Goldie Paul De Kol, 91206, A. L. Williams	2 3 9	9	7	339.4	3.86	13.116
	2 3 9	4	14	641.6	3.98	25.550
Lady Duchess De Kol 3d, 84918, H. A. Moyer	2 0 13	11	7	343.8	3.80	13.052
Minnie Spofford, 87196, A. A. Hartshorn	2 1 17	10	7	340.1	3.72	12.666
Filled De Kol, 81287, McKay Brothers	2 5 16	39	7	291.1	4.16	12.117
De Kol Douglas 5th, 88082, E. E. Randall	2 3 29	81	7	383.5	3.14	12.060
	2 3 29	66	30	1,467.3	3.17	46.571
Johanna Theresa De Kol 2d, 88747, A. L. Williams	2 5 7	16	7	346.2	3.43	11.866
	2 5 7	12	14	690.4	3.32	22.905
Alcartra Abbekerk, 93900, McKay Brothers	1 11 18	52	7	318.7	3.67	11.687
Empress Mercedes Pauline, 90466, Quentin McAdam	2 1 10	34	7	315.6	3.66	11.564
Anna Beets Korndyke, 85511, D. N. Haynes	2 5 16	30	7	319.3	3.62	11.549
Segis Veeman, 90574, H. A. Moyer	2 0 21	5	7	355.9	3.24	11.519
Allie May Nelson, 93880, S. M. Randall	2 0 9	25	7	291.2	3.92	11.426
Segis Amarilla, 87585, H. A. Moyer	2 0 12	9	7	337.1	3.37	11.359
Segis Stella Netherland, 87731, H. A. Moyer	1 11 24	11	7	302.0	3.76	11.357
Winana Korndyke Concordia De Kol, 85265, Fred F. Field	2 5 21	6	7	351.6	3.22	11.328
Woodland Segis, 87604, H. A. Moyer	2 0 11	8	7	313.4	3.58	11.219
Rhoda Maid Johanna 2d, 88810, A. L. Williams	2 5 27	6	7	295.2	3.73	11.008
Laura May Nelson, 90099, S. M. Randall	2 3 22	17	7	271.5	3.94	10.688
Pietertje Segis, 86402, H. A. Moyer	2 1 11	17	7	325.9	3.23	10.539
Clothilde Anna Netherland 3d, 89797, F. L. Booth	2 0 24	54	7	319.0	3.26	10.387
Black Bess Johanna, 91565, R. B. Young	2 0 12	25	7	344.6	2.99	10.295
Lady Oak Piebe De Kol, 92881, W. A. Canniff	2 1 5	16	7	314.0	3.25	10.200
Arcula Alcartra, 94912 (sire 30624; dam 71323), McKay Bros.	1 10 18	56	7	314.1	3.24	10.175
	1 10 18	53	14	608.8	3.22	19583
De Kol Bessie Hengerveld, 87594, E. A. Powell	2 5 13	36	7	283.9	3.56	10.114
Kiatta Edkje De Kol 2d, 91538, E. A. Powell	2 2 17	10	7	306.3	3.29	10.079
Maid of Green Vale, 88562, M. F. Peck	2 0 25	12	7	310.0	3.24	10.056
Allie Mona De Kol 3d, 91566, R. B. Young	2 0 8	24	7	285.0	3.39	9.691
Ona Dikkert De Kol 2d, 92034, R. B. Young	1 10 7	31	7	293.8	3.28	9.643
Black Diamond Johanna 2d, 88879, L. C. Morse	2 4 12	13	7	313.2	3.04	9.520
Daisy De Kol Mercedes Burke, 90565, W. A. Canniff	2 0 7	73	7	285.5	3.28	9.368
Novelty Bess, 90704, R. B. Young	1 10 21	48	7	311.4	2.96	9.232
Lady Oak Grove Mooie, 93549, W. H. Jones	2 0 10	50	7	273.7	3.30	9.044
Wild Rose Joms De Kol Mutual, 92883, W. A. Canniff	2 1 25	20	7	292.7	3.01	8.816
Netherland Aaggie De Kol Posch, 99425 (sire 37314; dam 77538), A. J. Daugherity	1 5 15	16	7	240.6	3.59	8.648
Heilo Oak Ormsby, 92706, W. H. Junea	2 2 18	7	7	279.5	3.05	8.533
Clothilde Josephine Nudine, 92691, W. H. Jones	1 11 21	88	7	280.4	2.94	8.254
Miss Anthony, 86684, G. J. Schuster	2 2 5	179	7	254.2	3.23	8.218
Heilo Sunbeam, 82055, McKay Brothers	1 11 23	162	7	257.2	3.18	8.167
Aaggie Colantha, 89876, W. A. Canniff	2 0 14	76	7	257.9	3.16	8.154
Aaggie Ada Pauline, 105015 (sire 32847; dam 37937), John C. Godfrey	2 3 22	69	7	216.2	3.70	8.001
Almeda Luecke Homestead, 92884, W. A. Canniff	1 11 28	19	7	281.4	2.79	7.865
Colantha Burke, 105960, E. A. Powell	2 0 11	111	7	209.8	3.50	7.334
Records Begun at Least Eight Months After Calving.						
Johanna De Kol Wit, 61874, C. A. Schroeder	5 7 18	247	7	348.8	4.05	14.130
Prior record				488.5		19.339
Netherland Johanna De Kol 2d, 61871, C. A. Schroeder	5 11 6	251	7	360.6	3.15	11.361
Prior record				651.8		22.847
Netherland Johanna Rue 2d, 58125, C. A. Schroeder	6 6 4	349	7	350.7	3.11	10.915
Prior record				386.9		12.178

Delavan, Wis., August 5, 1908. MALCOLM H. GARDNER, Supt. of Advanced Registry.

Paul, with the great record of 20.072 lbs. fat from 516.9 lbs. milk; the senior two-year-olds are led by Buttercup Clothilde Pietertje 2d, 16.021 lbs. fat from 316.5 lbs. milk, and We Are Ready, 15.578 lbs. fat from 358.7 lbs. milk.

Ten Junior two-year-olds exceed 12 lbs. fat. Belle Segis, so far the greatest daughter of King Segis, leads, having 16.949 lbs. fat from 455.4 lbs. milk to her credit, and gaining third place among the junior two-year-olds; Urma Burke makes the great record of 15.643 lbs. fat from 344.8 lbs. milk. Pauline Pietertje Hartog, 14.553 lbs. fat from 328.5 lbs. milk; Clothilde Segis, 14.274 lbs. fat from 366.4 lbs. milk, and Madam De Kol Netherland, 14.086 lbs. fat from 393 lbs. milk, by their excellent records show their great capacity, while Little Goldie Paul De Kol and Lady Duchess De Kol 3d show fine records in excess of 13 lbs. fat. Minnie Spofford, Filled De Kol and De Kol 5th produce above 12 lbs. fat and gain honorable mention.

The records begun more than eight months after calving are good; that of Johanna De Kol Wit, 14.130 lbs. fat from 348.8 lbs. milk, being extra fine.

NOTE.—Many owners of H.-F. cattle on the mailing list of this office have, so far, failed to pay attention to the return postal card of inquiry sent them. Should any fail to answer the questions asked, they must not feel surprised if, when the new mailing list is made up, they find their names omitted and no longer receive these official reports.

MALCOLM H. GARDNER,

It is easy. Corporations may not contribute to campaign funds, but members of corporations may.

FOR SALE—HOLSTEIN BULL CALVES

Sired by LORD NETHERLAND DE KOL, BARON NETHERLAND DE KOL and LORD NETHERLAND COUNT DE KOL a reasonable prices. Correspondence solicited. Photograph of calf furnished if desired.

SAMUEL J. TILDEN, Proprietor
BURNE-MEADE FARM **NEW LEBANON, N. Y.**

PONTIAC KORNDYKE

is the sire of the highest priced A. R. O. cow ever sold. He is also the sire of the dam of the highest priced bull calf of the breed ever sold. His daughters made 19 official records during the official year ending May 15 last, that show an average per cent of fat over 4.1. No other bull of the breed ever equalled this in one year. We still have a few bull calves sired by him for sale.

One is out of Lady Irine of Woodlawn, 23 lbs. butter in 7 days. She just won the butter test at Ogdensburg Fair, making almost 5 pounds butter in two days over 4 months after freshening.

St. Lawrence Co. **E. H. DOLLAR** **Heuvelton, N. Y.**

FAIRVIEW FARMS

The Clark Farm Herd

GENIE CLOTHILDE, one of the world's official record cows with 30.05 lbs. butter in seven days and 116.45 lbs. butter in thirty days.

PONTIAC CHIRON, one of the best sons of Hengerveld De Kol. Out of a dam with a record of 25.7 lbs. butter in seven days and with two sisters on the dam's side with records of 26.39 lbs. butter at four years and 20.59 lbs. butter at three years of age. Bull Calves For Sale.

W. W. CHENEY, - - - Manlius, N. Y.

LAKESIDE HERD

Two world's records made within the last year.

Home of the "Model Family,"—the handsomest, and one of the best of the breed, as records show.

A grand lot of young A. R. O. cows, heifers, and young bulls. These bulls, from dams, with 20 lbs. to 29 lbs. and by some of the best sires of the breed.

E. A. POWELL. 904 W. Genesee St., SYRACUSE, N. Y.

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Owing to the demand for Bull Calves from "THE FAMOUS $10,000 MILK AND BUTTER KING," the undersigned will receive orders for males for conditional future delivery, bred from a selected list of pedigreed dams, that will be submitted with prices.

Address

The David Harum Stock Farm, Homer, N. Y. and Oakhurst Farm, Auburn, N. Y.

AAGGIE CORNUCOPIA
Bull Calves

We are offering some very choice bull calves sired by Count Aaggie Cornucopia Paul 37601 whose dams are large producers, being grand daughters of Paul Beets De Kol. These calves are excellent individuals and most beautifully marked. Prices very low. Come and look them over.

G. Fulmer Decker, South Montrose, Pa

Perfection Swing Stanchion

Warranted the Best, Easiest to operate and most Durable made. Stationary when Open. Noiseless. Does not wear the Plate. Box 3, Bates & Swift Specialty Mfg. Co., Cuba, N. Y.

CROWN HERD

I now offer a very fine bull calf, five months old, more black than white, nicely marked, and a good handler in every way. His dam has an A. R. O. record of 16.02 lbs. butter made at 9 years. She is now 15 years old. Has given over 4,800 lbs. of milk in 4 months. Calf's sire, Homestead Hengerveld Crown De Kol, No. 26345.

I. J. FOSTER - - - Cortland, N. Y.

SPRINGDALE HERD

Offers four Registered Holstein Cows, bred to Cornucopia Hengerveld De Kol, 49221, one of the best bred bulls of the breed, for $300. They are fine individuals, good breeders and certainly a bargain.

For particulars address

H. M. LYON & SON
WYALUSING, PA.

Bull Calf 5 Months Old for Sale

Sired by Woodcrest Nig DeKol, he, by Hengerveld DeKol and Allie Nig, with a record of 25.493. Dam, Crary Hengerveld Burke with a record of 20.35.

Davis Brothers, Fulton, N. Y.

Registered Holstein-Friesian Cattle Wanted

Will pay cash. State lowest price, and give full description of animals, when bred, to what bull, ages, names, registry numbers, etc., in first letter.

Address "BREEDER," care of this office.

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Hillcrest Butter-Bred Holsteins

A Few Choice Cows and Bred Heifers at Attractive Prices. Send for bull calf catalogue.

BERRY LUCAS
Greenwood, Mo.

In writing to advertisers mention the WORLD.

CRUMB'S IMPROVED WARRINER STANCHION

T. A. Mitchell, Weedsport, N.Y. writes: "Your stanchions are all right. I am very much pleased with them."

W. B. CRUMB, Brown Street, Forestville, Conn.

Gem Herd Holstein-Friesian Cattle

Only one Grandson of Hengerveld DeKol left, and he born July 10, '08. Sire, Gem Hengerveld DeKol Butter Boy, No. 39786. Dam, Starucca Von Harlingen 5th, her sire, Sunnybrook DeKol Prince, brother to Aaggie Cornucopia Pauline. This one is a dandy—will sell him at the exceedinely low price of $60. Send for tabulated pedigree.

J. G. DRAKE, Somerville, N. J.

SPECIAL NOTICE

Our cows are now just beginning to freshen, and we expect to test and retest them as fast as they are in condition. We *shall sell* all our bull calves, a few heifer calves and 25 A. R. O. cows. Our aim is to make our prices correspond with cattle selected. We invite inspection.

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KIRKVILLE, N. Y.

SUNRISE HERD

is headed by a son of Hengerveld DeKol, No. 136, June 1908 catalogue. Surplus stock for sale consists of Male Calves sired by Clothilde DeKol Alban, 33945. Price $25, F. O. B.

RALPH CORBIN, Bainbridge, N. Y.

20 COWS AND HEIFERS FOR SALE

We shall reduce our herd about twenty head. Could supply say 10 A. R. O. Cows, 2 to 5 years old, coming fresh from November until Spring; 10 Heifers, 6 to 18 months, sired by such bulls as De Kol Hengerveld Burke, bred to sons of Hengerveld De Kol and King Segis. They are fine individuals and will be priced to sell.

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offers a handsomely marked calf, Born March 5, 1908, out of

Princess Pietertje 2d, A. R. O. 23.36

and

King of the Veemans

Dam, 26.28; grandam, 25.55, great grandam, 26.67.

W. A. Carr, Tully, N. Y

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RUTLAND, MASS.

FOR SALE, bull calves, from one to ten months old at reasonable prices. One from Grace Manor DeKol, A. R. O. 24.25 lbs. butter; one from Daisy Van Beets, A. R. O. 22.06 lbs. butter; one from Winana Pietertje DeKol Paul, A. R. O. 19.46 lbs. butter in 7 days, a daughter of Paul Beets DeKol; others from A. R. O. Cows equally as good.
Write for price and description.

B. W. POTTER & SON.

HILLSIDE STOCK FARM

Offers 11 choice handsomely marked well developed young Holstein-Friesian cows. Will sell one or all, at a bargain.
Also bull calf, born June 22d, 1908. Sired by America DeKol Burke. Dam and grand dam, 21½ lb. cows. First check of $30 takes him.

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